

Cihla Zdenek

CZECHOSLOVAKIA / Chemical Technology. Chemical Products and Their Application. Processes and Apparatus for Chemical Technology H-2

Abs Jour : Ref. Zhur. - Khimiya, No. 2, 1958, No. 4885

Author : Cihla Zdenek, Schmidt Oskar

Inst : Not Given

Title : Study of Free Downflow of Liquid over the Packing of a Cylindrical Column. I.

Orig Pub : Chem. listy, 1957, 51, No 1, 1-12

Abstract : A differential equation has been derived, which defines the downflow of liquid over packing used in packed columns during distillation and absorption. A solution of this equation is provided for some initial and limiting conditions (depending upon the design of the reflux distributor).

Card : 1/1

CZECHOSLOVAKIA/Chemical Technology - Chemical Products and
Their Application, Part 1. Processes and Apparatus
of Chemical Technology. H-2

Abs Jour : Ref Zhur - Khimiya, No 14, 1958, 47029

produced dispersion; the optimum radius of a circular
disperser is computed.
See report I in RZhKhim, 1958, 4885.

Card 2/2

CIHLA, Z.

Interphase transport processes. I. Schrage's theories. George Standart and Zdeněk Cihla (*Vysoká škola chem.-technol.*, Prague). *Chem. Listy* 52, 787-90 (1958).—A discussion of the simple and of the modified Schrage's theories (cf. *C.A.* 47, 9088a), in which the transport properties of a one-component heterogeneous gas-liquid (solid) system are studied on the basis of the kinetic theory of the ideal gas. II. General discontinuous model of a pure gas.⁷ Zdeněk Cihla. *Ibid.* 797-805.—A one-component gas-liquid (solid) system is studied on the basis of generalized assumptions concerning the distribution function of the gas at the phase interface. The results are specialized for the case of a continuous model of the pure gas. Both of Schrage's theories appear as special cases from the generalized model. III. Continuous model of a mixture of ideal gases.⁸ George Standart and Zdeněk Cihla. *Ibid.* 806-14.—A multicomponent heterogeneous gas-liquid (solid) system is considered by using the methods of the kinetic theory of gases. The assumed distribution function on the phase interface is taken with a precision up to the 1st perturbation function. Therefrom the expressions for the mass flows and for the flows of momentum and of energy through the phase interface are derived. Schrage's theory of multicomponent systems is mentioned too. IV. Application of the thermodynamics of irreversible processes. George Standart. *Ibid.* 815-29.—The methods of thermodynamics of irreversible processes are applied to the interphase transport phenomena with discontinuities across the phase boundary; the rate equations are derived for the mass flows of individual components and for the flow of momentum and of energy of the inext., expressed by these discontinuities. These equations are then specialized; they lead to all hitherto known relations (the tangential slip and the temp. jump) and permit comparison with the Schrage theories. Furthermore they lead to new results for the diffusion, etc.

E. Erdos

CIHLA, Z.

CZECHOSLOVAKIA/Atomic and Molecular Physics - Changes of Aggregate D-5
State

Abs Jour : Ref Zhur - Fizika, No 2, 1959, No 3024

Author : Cihla Zdenek

Inst : -

Title : Interphase Transfer Phenomena, II. General Discontinuous
Model of Pure Gas.

Orig Pub : Chem. listy, 1958, 52, No 5, 797-805

Abstract : The author considers single-component gas-liquid systems
(solid) on the basis of generalized premises on the dis-
tribution function of gas on the phase boundary. The de-
ductions are used in both Schrage theories for the case of
continuous model of pure gas.

Card : 1/1

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CZECHOSLOVAKIA/Chemical Technology, Chemical Products and
Their Application, Part - . - Processes and
Apparatus of Chemical Technology

H

Abs Jour: Ref. Zhurnal Khimiya, No 21, 1958, 71021.

Author : Z. Cihla, O. Schmidt.

Inst :

Title : Studies of the Behaviour of Liquids When Freely
Trickling Over Packing of a Cylindrical Tower. II.

Orig Pub: Collect. czechosl. chem. commun., 1958, 23, No 4,
569-578.

Abstract: See report I in RZhKhim, 1958, 47029.

Card : 1/1

/

CIHLA, Z.; PLIVA, J.

Anharmonic potential functions of polyatomic molecules. Pt.
5. Coll Cz Chem 28 no. 5: 1232-1248 My '63.

1. Institute of Physical Chemistry, Czechoslovak Academy
of Sciences, Prague.

CIMAR, A.

"Everything Must Be Turned to Master The Autumn Railroad Transportation Without Faults and Accidents." p. 226

"Work of Quality Before All!" p. 228 (Zeleznice, Vol. 3, no. 10, 1953, Praha)

SO: Monthly List of East European Accessions, Library of Congress, March 1954
1953, Uncl.

KORINEK, Frantisek, inz.; CINLAR, Antonin

Development of new techniques in transportation. Doprava
no.11:361-364 '62.

BERGER, Frantisek; CIHLAR, Antonin; PELCIK, Emil

Experience with the active operation of the reactor loop
cooled with carbon dioxide. Jaderna energie 9 no.6:200
Je '63.

1. Ustav jaderneho vyzkumu, Ceskoslovenska akademie ved, Rez
u Prahy.

BERGER, Frantisek; CIHLAR, Antonin; PELCIK, Emil

First operation of the gas-cooled loop with uranium fuel
element in the Nuclear Research Institute of the Czechoslovak
Academy of Sciences. Jaderna energie 9 no.7:213-219 Jl '63.

1. Ustav jaderneho vyzkumu, Ceskoslovenska akademie ved, Rez
u Prahy.

CIHLAR, F.

"The AN 35 five-spindle automatic lathe for piece work."

p. 566 (Strojirenska Vyroba) Vol. 5, no. 12, Dec. 1957
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

CIHLAR, Velimir, inz.

Conditions for designing economical distribution transformers.
Elektroprivreda '63 no. 5:207-208 My '63.

STOVICEK, Z.; REJHA, J.; CIHLAR, V.

Information on the diagnosis of chronic subdural hematoma in
infants and small children. Rozhl. chir. 43 no.9:597-601 S '64.

1. Detske oddeleni nemocnice v Liberci (vedouci doc. dr. R. Gostof,
CSc.) a Chirurgické oddeleni nemocnice v Liberci (vedouci dr. V.
Drasnar).

CIHLAR, Z.

The education of new mechanizers

P. 97 (Mechanisace) Vol. 4, No. 3, Mar. 1957, Czechoslovakia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC. - VOL. 7, NO. 1, JAN. 1958

ZNAMENACEK, K.; PRIBYLOVA, H.; technicka spoluprace: VYDLAKOVA, H.;
KUPKOVA, K.; CIHLAROVA, K.; NOVAKOVA, S.

Effect of glucose and insulin administration on the glycemic curve
in newborn infants. Cesk. pediat. 18 no.2:104-109 F '63.

1. Ustav pro peci o matku a dite v Praze, reditel doc. dr. M. Vojta,
vedouci pediatrickeho vyzkumu doc. dr. K. Polacek, CSc.
(GLUCOSE) (INSULIN) (BLOOD SUGAR)

LODINOVA, Raja; CIHLAROVA, Kvetta; KOSTKA, Jaromir

The influence of a nonspecific stimulus (lipopolysaccharide) on the properdin level in children under 1 year old. Cesk.pediat. 15 no.9: 800-805 S '60.

1. Ustav pro peci o matku a dite v Praze-Podoli, reditel ustavu
docent dr. Miroslav Vojta, vedouci pediatrickeho useku primar dr.
Karel Polacek Biologicky ustav CSAV, prednosta akademik MUDr
Ivan Malek

(INFANT, NEWBORN physiol.)
(PROPERDIN)
(LIPOPOLYSACCHARIDES pharmacol.)

LODINOWA, R.; CIHLAROVA, K.

The effect of lipopolysaccharides on temperature, leukocytosis and leukergia in children up to 1 year of age. Cesk. pediat. 16 no.9:
798-802 S '61.

1. Ustav pro peci o matku a dite v Praze-Podoli Reditel doc. MUDr.
Miroslav Vojta Vedouci pediatrickeho useku prim. MUDr. Karel Polacek.

(LIPOPOLYSACCHARIDES pharmacol)
(BODY TEMPERATURE pharmacol)
(LEUKOCYTES pharmacol)

CIMLIK, J.; SIMEK, J.; RUZICKA, J.

Polarography in anhydrous acetic acid. II. Polarographic behavior of thallium, cadmium, copper, uranium, and palladium.

p. 1663 (Chemicke Listy) Vol. 51, no. 9, Sept. 1957. Praha, Czechoslovakia.

BB: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 1, Jan. 1958

CIOHOVA, H.; SAXL, O.

Microflora of dried milk and methaemoglobinemia of infants.
Cesk. hyg. 10 no.10:598-602 D '65.

1. Krajska hygienicko-epidemiologicka stanice, Brno a
Klinicka cast Vyzkumneho ustavu pediatrickeho, Brno.

BRODAN, V.; Technicka spoluprace CIHOVA, Z.

Determination of lactic acid in the blood serum using a modified Barker-Summerson method. Cesk. gastroent. vyz. 19 no.5:313-318 J1 '65.

1. Ustav pro vyzkum vyzivu lidu v Praze (reditel prof. dr. J. Masek, dr. Sc.).

RINGEL, J.; CIHULA, J.

Chronic cor pulmonale in children. Cesk. pediat. 11 no.8:
583-590 Aug 56.

1. Katedra detskeho lekarstvi V La, predn. prof. Dr. J. Blecha.
(PULMONARY HEART DISEASE, in inf. & child
clin. manifest. & ther. (Cz))

CIHULA, J.; JECHOVA, D.; LANGER, St.

Hypertensive encephalopathy during acute glomerulonephritis;
clinical, psychological and electroencephalographical aspects.
Cesk. pediat. 11 no.12:905-913 Dec 56.

1. Katedra detskeho lekarstvi VLA (prof. Dr. J. Blecha), katedra
Neurologie VLA prof. Dr. M. Sercl), detska psychiatrie KUNZ v
Hradci Kralove.

(**GLOMERULONEPHRITIS, in inf. & child**
acute, with hypertensive encephalopathy (Cx))
(**ENCEPHALOPATHY, HYPERTENSIVE, in inf. & child**
with acute glomerulonephritis (Cx))

BEDRNA, Jan; CIHULA, Jiri

Adenoma of adrenal cortex and macrogenitosomia with pseudopubertas praecox iso sexualis in a 14-months old boy. Cas. lek. cesk. 95 no. 46:1278-1281 16 Nov 56.

1. Detska a chirurgicka klinika VLA J. Ev. P. v Hradci Kralove.
(ADRENAL CORTEX, neoplasms
adenoma with precocious puberty & macrogenitosomia in child, surg. (Cz))
(PUBERTY, PRECOCIOUS, compl.
adenoma of adrenal cortex with macrogenitosomia, surg.
(Cz))
(GENITALIA, MALE, abnorm.
macrogenitosomia in child, with adenoma of adrenal cortex & precocious puberty (Cz))

CIHLIA, J.; SNEVCIK, K.; HORAK, M.

Urinary excretion of total neutral 17-ketosteroids in puberal males according to age. Cesk. pediat. 13 no.4:308-310 5 May 58.

1. Detska klinika VLA J. E. P., predn. prof. Dr. Jiri Blecha.
(17-KETOSTEROIDS, in urine
in puberal males (Cz))

CIRHUA, Jiri; POIAK, Jiri

Attempted clinical investigation of capillary permeability in normal children & in children with rheumatic fever; Landis test. Cesk. pediat. 13 no.8:694-699 5 Sept 58.

1. Detska klinika VLA Hradci Kralove, prednosta prof. Dr. J. Blecha.
J. C., detska klinika VKA, Hradec Kralove.

(RHEUMATIC FEVER, physiol.

capillary permeability in child., Landis test (Cx))

(CAPILLARY PERMEABILITY, in various dis.

rheum. fever, Landis test (Cx))

CIHLÍK, J.; BERGER, E.; HORAK, M.

Addison's syndrome in childhood. Česk. pediat. 14 no. 11:981-987
November 59.

1. Katedra dětského lékařství fakultní nemocnice KUNZ v Hradci Králové, vedoucí prof. dr. J. Blecha Dětské oddělení nemocnice ve Vrchlabí, primář dr. E. Berger Centrální laboratoře fakultní nemocnice, vedoucí dr. J. Jicha.
(ADDISON DISEASE, in inf. & child)

DOBIASOWA, L.; CIHULA, J.

Contribution to the diagnosis and therapy of the so-called chronic interstitial pneumofibrosis in children. Cesk.pediat.15 no.6/7:
539-544 J1'60.

1. Detska klinika v Hradci Kralove, prednosta prof.dr. J.Blecha.
(PULMONARY FIBROSIS in inf & child)

CIHLA, J.; HORAK, M.

Adrenal cortex function tests in childhood. Cesk.pediat.15 no.11:
998-1005 N°60.

1. Detska klinika lekarske fakulty university v Hradci Kralove,
prednosta prof.dr. J.Blecha a Ustredni biochemicke laboratore
KUNZ, prednosta dr. J. Jicha.
(ADRENAL CORTEX physiol)

OMEIKA, Frantisek; CIHLA, Jiri

Constrictive pericarditis in a 7-year-old boy *pre-ascitic phase).
Cesk.pediat.16 no.2:145-150 F '61.

1. Detska klinika KU v Hradci Králové, prednosta prof. MUDr.
Jiri Blecha.
(PERICARDITIS in inf & child)

CIHULA, J.; HORAK, M.

Determination of the function of the adrenal cortex in hypopituitarism
and hypocorticalism. Cesk pediat 17 no.2:105-115 F '62.

1. Detska klinika lekarske fakulty University Karlovy v Hradci Kralove,
prednosta prof. dr. J. Blecha, a Ustredni biochemicke laboratore KUNZ,
prednosta dr. J. Jicha.

(PITUITARY GLAND dis) (ADRENAL GLANDS dis)

SVAB, Josef; CIHULA, Jiri

Congenital insufficiency of the ureteral sphincter in children.
Cesk. pediat. 17 no.9:787-793 S '62.

1. Urologicka klinika, prednosta doc. dr. J. Svab, CSc., a detska
klinika, prednosta prof. dr. J. Blecha, Fakultni nemocnice v Hradci
Kralove.

(URETER) (ABNORMALITIES)

CIHULA, J.; HORAK, M.

Pituitary adrenocortical hypofunction in children following
prednison treatment. Cesk. ped. '20 no.12:1041-1047 D ' 65

1. Detska klinika lekarske fakulty Karlovy University v Hradci
Kralove (prednosta - prof. dr. J. Elecha, DrSc.) a Centralni
biochemicke laboratore Krajskeho ustavu narodniho zdravi
Vychodoceskeho kraje v Hradci Kralove (vedouci MUDr. J. Jicha).

CIJAN, E.

"What We Saw at the British Aircraft Exhibition in Farnborough" p. 1

"A Visit by the United States Sixth Fleet to the Port of Split" p. 1

(AERO SVET, Vol. 2, no. 24, September 1952, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions, LC, Vol. 3, no. 5, May 1954/Uncl.

CIJAN, B.

"What We Saw at the British Aircraft Exhibition in Farnborough" p.7
(AERO SVET, Vol. 2, no. 25, October 1952, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions, LC, Vol. 3, no. 5 May 1954/Uncl.

CIJAN, E.

"What type of plane for the Yugoslav Aeronautic Federation?" Narodna Krila,
Beograd, Vol 6, No 1, Jan./Feb. 1953, p. 2.

SO: Eastern European Accessions List, Vol 3, No 11, Nov 1954, L.C.

CIJAN, B.

"B.C.-6 Kobac; the first Yugoslav two-seated glider for training," Narodna Krila, Geograd, Vol 6, No 3, May/June 1953, p. 2.

SO: Eastern European Accessions List, Vol 3, No 11, Nov 1954, L.C.

CIJAN, B.

"Research work in our gliding," Narodna Krila, Geograd, Vol 6, No 3, May/June 1953,
p. 25.

SO: Eastern European Accessions List, Vol 3, No 11, Nov 1954, L.C.

CIJAN, B.

"Analysis and experiences of the 4th Federal Gliding Championship in Borovo, 1952,"
Narodna Krila, Geograd, Vol 6, No 3, May/June 1953, p. 28.

SO: Eastern European Accessions List, Vol 3, No 11, Nov 1954, L.C.

CIJAN, B.

"5th Federal Gliding Championship in Borovo, 1953," Narodna Krila, Geograd,
Vol 6, No 4, July/Aug. 1953, p. 25.

SO: Eastern European Accessions List, Vol 3, No 11, Nov 1954, L.C.

CIJAN, B.

"Fokker S-14 Mach Trainer; one of the best two-seated jets for training,"
Narodna Krila, Geograd, Vol 6, No 5, July/Aug. (i.e. Sept./Oct.) 1953, p. 12.

SO: Eastern European Accessions List, Vol 3, No 11, Nov 1954, L.C.

CIJAN, Boris, inz. (Zemun, Nikolaja Ostrovskog 5)

Creativeness of engineering and technical cadres in production.
Tehnika Jug 17 no.10:1844-1845 0 '62.

RUMANIA/Chemical Technology - Caoutchouc. Natural and
Synthetic. Rubber:

H-31

Abs Jour : Ref Zhur - Khimiya, No 24, 1958, 83716

Author : Cijevschi, V.

Inst : -
Title : The Problem of Static Electricity in the Rubber Industry.

Orig Pub : Ind. usoara, 1958, 5, No 1, 24-25.

Abstract : The dangerous accumulation of static electricity (SE) has its place mostly in adhesive mixers, on machines for rubberizing fabrics (particularly near the knife which performs the coating with a plastic mass or a rubber solution), on belts transporting glued rubber articles. The potential of SE is decreased with an increase in the relative humidity of the surroundings. The following ways for reducing the accumulation of SE and for preventing fire hazard are recommended: A room for the rubberizing must be spacious and at a distance from the adhesive mixers; the adhesives

Card 1/3

RUMANIA/Chemical Technology - Caoutchouc, Natural and
Synthetic. Rubber.

H-31

Abs Jour : Ref Zhur - Khimiya, No 24, 1958, 83716

discharging the SE. To prevent the accumulation of SE up to its critical potential, the latter must be checked periodically. An electronic electroscope and a sound signal for electrical charges are being constructed for the above purpose.

Card 3/3

CIJEVSKI, V., ing.

Safety techniques in vulcanization machines. Industria usoara
3 no.9:375-379 S '56.

CiJU, A.
SURNAME, Given Names

Country: Rumania

Academic Degrees:

Affiliation: *)

Source: Bucharest, Igiena, Vol IX, No 4, Sep-Oct 1961, pp 339-344.

Data: " Studies on the Incidence of Pathogenic Staphylococcus and
Colibacillus As Health Indicators in Hospital Units."

Authors:

TUNARU, G., -Dr.-

CHIRU, Gh., -Dr.-

MARCU, R., -Dr.-

CiJU, A., -Dr.-

DELEANU, L., -Dr.-

CORNATEANU, I., -Dr.-

MUSAT, S., -Dr.-

*) Work performed at the Regional Sanepid (Sanepidul Regional), Dobrogea

GPO 981643

CIHAK, Alois

"Atropinesterase," Prague, Chemicke Listy, No. 11, Nov 60, p. 1155.

Affiliation: Institute of Organic Chemistry and Biochemistry, CSAV, Prague.

COUNTRY	:	Rumania	B-9
CATEGORY	:		
ABS. JOUR.	:	RZKhim., No. 21 1959, No.	74281
AUTHOR	:	Tvetkov, I. V. and Cijikov, T. M.	
INST.	:	Not given	
TITLE	:	On the Kinetics of the Reduction of Lead Oxide by Carbon Monoxide	
ORIG. PUB.	:	An Rom-Sov Ser Metalurgie, 12, No 4, 31-43 (1958)	
ABSTRACT	:	A translation. See RZhKhim, 1958, No 6, 17113.	
CARD: 1/1			

CIK J., PALESOVA K., SIMONCIC R. and VITKOVSKA M.

Dermatologický

2333. CIK J., PALESOVA K., SIMONCIC R. and VITKOVSKA M: Studijna tvorivost, dermato-
venerol. *Klin. LSFU, Bratislava.* *Prieskum pripadov lupus vulgaris rezistentnych
voci vitaminu D₂ v Bratislavskom kraji. Vitamin D-refractory cases of lupus
vulgaris in the Bratislava district BRATISLAVSKE LEKARS. LISTY 1953, 33/12 (1141-
1147) (XIII, 15)

SO: EXCERPTA MEDICA: Section XIII, Vol. 8, No. 10

CIK, J.

SEVCOVIC, J.; CIK, J.

Preliminary report on the use of potentiated anesthetics for prostatectomy.
Rozhl. chir. 37 no.5:351- May 58.

1. Urolog. odd. KUNK, Zilina, predn. MUDr. J. Wachsmann.
(PROSTATECTOMY, anesth. & analgesia
potentiated anesth. (Cz))
(HIBERNATION, ARTIFICIAL
prostatectomy with potentiated anesth. (Cz))

KONARIK, Karel; CIK, Miroslav

Use of gas drier on the sand throwing line in the foundry Moravsko-slezske elektrotechnicke zavody Vsetin. Slevarenstvi 11 no.3:115-116 Mr '63.

1. Moravskoslezske elektrotechnicke zavody Vsetin.

CIK, Miroslav; TUPY, Jaroslav

Making the channel stator frame. Slevarenstvi 11 no.5:198-199
My '63.

1. Moravskoslezske elektrotechnické závody Vsetín.

CIK, Miroslav; KONARIK, Karel

Production on an automatic molding line. Slevarenske 12 no.6:
221-223 Je '64.

1. Moravskoslezske elektrotechnicke závody National Enterprise,
Vsetin.

CIK, Rudolf

The climacteric. Zdrav. vest., Ljubljana 24 no.9-10:334-338
1955.

1. Klinika z Ginekologijo in porodništvo med. Fakultete v
Ljubljani-predstojnik Prof. dr. Fr. Novak.
(CLIMACTERIC, FEMALE,
etiol., sympt. & ther. (S1))

COUNTRY	: YUGOSLAVIA
CATEGORY	: Chemical Technology. Chemical Products and Their Applications. Leather. Fur. Gelatine.
ABS. JOUR.	: RZKhim., No. 19, 1959, No. 70129
AUTHOR	: Cik, V., Cerveny, V.
INST.	: -
TITLE	: New Ashing Method of Pig's Hides
ORIG. PUB.	: Kozé i ovica, 1958, 7, No 6, 201-207
ABSTRACT	: A new method of accelerated ashing of pig's hides with the use of promoters is recommended. An even degree of ashing of different hide sections is attained through application of the preliminary smeared ashing administered on the hide's underside. The organoleptic and analytical evaluation of finished leather is explained on the basis of the effect exhibited by the presence of sodium chloride in the ashing solutions. Due to the
*Tanning Materials. Industrial Proteins.	
CARD:	1/3

u 126

COUNTRY :
CATEGORY :

ABS. JOUR. : RZKhim., No. 19, 1959, No. 70129

METHOD :

TITLE :

ORIG. PUB. :

ABSTRACT : unevenness in cell structure of various portions of pigs' hides it is realistic to employ prior to the overall ashing, a liquid, to be applied on the underside, containing 250 gr/l Na₂S and lime in the sufficient quantity to bring the density up to 25-28° Be' (instead of lime, 150-250 gr/l NaCl may be used) for 24-30 hours, followed by the ashing for 1-3 days in a solution of the following composition: water (22%) - 1200%, Na₂S (60% soln.) - 15% and CaO - 4.5%. The calculation is based on the dry substance contained in

CARD: 2/3

COUNTRY :	
CATEGORY :	
ABS. JOUR. :	RZKhim., No. 19, 1959, No. 70129
AUTHOR :	
INST. :	
TITLE :	
ORIG. PUB. :	
ABSTRACT Con'd	hides, comprising normally to 50-60% of fresh hide weight. Instead of sulfides, hydrosulfides of Na and Ca may be used. The addition of NaCl into the ashing solution (from 4.5% to 27%) increases the salting degree of fresh-hides, causing a stronger water action, which results in the overall softer and more reliable leather. -- Z. Lebedeva.

CARD: 3/3

H - 177

COMPANY	:	Czechoslovakia	H-35
CATEGORY	:	Chemical Technology. Chemical Products and Their Applications--Leather. Fur. Gelatin. Tanning*	
ABS. JOUR.	:	RZMMS, No. 5 1960, No. 20578	
AUTHOR	:	Cik, V. and Cerveny, V.	
INST.	:	Not given	
TITLE	:	A New Process for the Liming of Pigskins	
ORIG. PUB.	:	Kovarstvi, 8, No 3, 78-83 (1958)	
ABSTRACT	:	Two methods are proposed for the liming of pig skins, based on the preliminary soaking of the shanks. The above methods level out to some extent differences in the properties of the various parts of the tanned skins. To the thickest portions of the shanks, a composition containing (in % of the wt of the dry skin) H ₂ O 1,200 (at 22°), Na ₂ S (60%) 15%, CaO 4.5%, and the skins are left to stand for not less than one day. The subsequent liming is carried out with a solution containing	
CARD:	1/2	* materials. Industrial proteins.	

COUNTRY	:	Czechoslovakia	H-35
CATEGORY	:		
AES. JOUR.	:	RZKhim., No. 5 1960, No.	20578
AUTHOR	:		
INST.	:		
TITLE	:		
ORIG. PUB.	:		
ABSTRACT	:	H ₂ O 500% (22°), NaSH (about 15%) 10%, and Ca(SH) ₂ (~ 15%) 15%. In the second method the skins are suspended in such a way that the shanks are immersed in a solution containing 100-150 gms of Na ₂ S (60%) per liter and 400 gms NaCl/liter. The positive effect of NaCl on the uniformity of liming has been investigated.	

D. Yakesh

CARD: 2/2

420

CIKANEK, A.

"Czechoslovakia is building a new modern cement factory in Egypt." p. 377.

TECHNICKA PRACA. (Rada vedeckych technickych spolocnosti pri Slovenskej akademii vied). Bratislava, Czechoslovakia, Vol. 11, No. 5, May 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8,
August 1959.
Uncla.

CIKANEK, MILOSLAV

9

Chemical Abst.
Vol. 48
Apr. 10, 1954
Soils and Fertilizers

Parallel determination of carbon and nitrogen in soil. Stanislav Valmr and Miloslav Cikinek (Výzk. ústav pro zemědél. Praha, Československá akad. věd, 1961, 265-92) (German, summary).—A modified Tyurin method (C.I. 27; 4863) is described. Knop's oxidative-gravimetric method for C is replaced by an oximetric titration method. N is detd. as NH₃ after serial analyses.

Jan Michx.

YRZ
5-16-55

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000309220012-2"

BROZ,O.; CIKANEK,M.; PUR,J.; ZIDOUNDOVA,V.

Listeria meningoencephalitis in an adult woman. Cas. lek. cesk. 99
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odd., prim. dr. O. Broz a mikrobiologicke odd., prim. dr. V. Burian,
KURK v Liberci.

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(MENINGOENCEPHALITIS etiol.)

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Energetika Cz 11 no.9:443-445 S '61.

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v Brne, prednosta prof. MUDr. Jan Navratil.
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*Mur 1**VHP*

CIKOWSKI, A.

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reinforcement works. p. 58.
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"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000309220012-2

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Sieve sorting of lime from shaft kilns. Stavice 43 no. 1:12-13
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APPROVED FOR RELEASE: 06/12/2000

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SO: Monthly List of East European Accessions, (SEAL), LC, Vol. 4, No. 11, Nov. 1955, Uncl.

CILEK, Václav

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: Dr

Affiliation: /Address: Brno/

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61-78.

Data: "Remarks Concerning the Hydrology of Sweet and Mineral Waters
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Ceramic raw materials of the Chomutov-Petipsy Basin. Geol
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1. Geologicky pruzkum, n.p., Praha, usek Chomutov.

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Origin and age of the kaolin deposits in the Chomutov and Kadan areas. Vest ust geol 39 no.5:363-371 S '64.

1. Geologicky pruzkum National Enterprise, Prague.

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Bentonite for agriculture. Geol pruzkum 6 no.11:333-334 N '64.

1. Geologicky pruzkum National Enterprise, Prague.

Distr.: Field	Ref. No.: 3335
CONSTRUCTION OF AN ELECTROSTATIC ACCELERATOR FOR 2 MV AFTER VAN DE GRAAFF. P. C. LEES AND A. PETHICK. J. Sci. Inst. 36, 116-118 (1959) 12	
21-6-1959; May	
<p>An electrostatic accelerator is in construction for a tension of 2 MV and a charging current of 1200 μa. It will be closed in a tank and work at an air pressure of 10 cm. The ion source for the accelerator is one of a simple radiofrequency type with a frequency of 80 Mc. So far the transport of the charge on the open accelerator has been tested and a charging current of 210 μa has been obtained.</p> <p style="text-align: right;">G. Birk</p>	

YUGOSLAVIA/Electronics - Electron and Ions Emission.

H

Abs Jour : Ref Zhur Fizika, No 9, 1959, 20678

Author : Cilensek, E., Cvelbar, F., Ramsak, V.
Inst : "

Title : Mass Analysis in a High Frequency Ion Source for a Van
de Graaff Accelerator.

Orig Pub : Repts "J. Stefan" Inst, 1956, 3, 87-94 (Ljubljana)

Abstract : The authors describe an improvement in a high frequency
ion source (Referat Zhur Fizika, 1957, No 11, 2103),
which makes it possible to improve the focusing of an
ion beam and to carry out a mass analysis with superposi-
tion of additional longitudinal magnetic field of approxi-
mately 70 gauss. The flow of gas in this source is at
the upper of the limits indicated in the literature.

Card 1/1

- 63 -

YUGOSLAVIA/Electronics - Electron and Ions Emission.

H

Abs Jour : Ref Zhur Fizika, No 9, 1959, 20579

Author : Cilensek, E., Cvelbar, F., Ramsak, V.
Inst :

Title : Final Implementation and Results of the Measurement of a
High Frequency Ion Source in a Van de Graaff Accelerator.

Orig Pub : Repts "J. Stefan" Inst., 1957, 4, 117-122

Abstract : By washing the discharge tube with a 5% solution of hydrofluoric acid the fraction of the protons in the ion gun increases from 32 to 40%. Reduction in the area of the metallic surfaces and washing the tube with 10% solution of hydrofluoric acid made it possible to increase the proton component to 76%. Under the optimum conditions (pressure in the tube 8×10^{-5} mm mercury, intensity of magnetic field 175 gauss, clearing voltage 2 kv, generator power 46 watts), a current of 118 microamperes (85%) H_1^+ , 17 microamperes (12%) H_2^+ , and 4 microamperes

Card 1/2

YUGOSLAVIA/Electronics - Electron and Ions Emission.

H

Abs Jour : Ref Zhur Fizika, No 9, 1959, 20679

(3%) H₃ was obtained in the collector. Measurements have shown that if undried H₂ is used, the composition of the ion gas deteriorates noticeably. Also given are the results of measurements and mass analysis of the ion current for a permanent optimum conditions, the ion current obtained was 120 microamperes (91%) for H₁⁺, 11 microamperes (8%) for H₂⁺, and 1 microampere (1%) for H₃⁺.
-- N.I. Petukhova

Card 2/2

- 64 -

- YUGOSLAVIA/Nuclear Physics - Installations and Instruments.
Methods of Measurement and Research.

C-

Abs Jour : Ref Zhur Fizika, No 3, 1960, 5116

Author : Cilenseh Edvard

Inst : Institute Jozef Stefan, Ljubljana, Yugoslavia

Title : Electrostatic Accelerator of the Institute "Jozef Stefan"
In Ljubljana.

Orig Pub : Elektrotekn. vesn., 1958, 12, No 5-6, 187-192

Abstract : After a short survey of existing accelerators and a detailed exposition of the principle of operation and technical improvement in belt-type electrostatic generators (ESG), the author describes a two-Mev electrostatic accelerator, constructed under the leadership of the author in 1953 -- 1957 in the Institute "Jozef Stefan" in Ljubljana (Yugoslavia). The accelerator operates in compressed nitrogen at a

Card 1/2

- 11 -

CILENSEK, E.

Electrostatic accelerator in the Jozef Stefan Institute in Ljubljana. II. p. 393.

ELEKTROTEHNISKI VESTNIK. ELECTROTECHNICAL REVIEW. Ljubljana, Yugoslavia.
Vol. 26, no. 11/12, 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 8 , no. 6, June 1959.

Uncl.

CILENSEK, E.; CVELBAR, F.; RAMSAK, V.

Final execution and the measurement results of the High frequency ionic source for the van de Graaff accelerator. In German. p. 117

LJUBLJANA, INSTITUT "JOZEF STEFAN." REPORTS Ljubljana, Yugoslavia
Vol. 4, Oct. 1959

Monthly List of East European Accessions, (EEAI) LC, Vol. 8,
no. 6, June 1959
Uncl.

CILENSEK, Edvard, ing.; BRINSEK, Anton, ing.

Automatic frequency matching of a Leonard-Warde arrangement to the
Betatron resonant circuit. Automatika 2 no.5:268-275 N '61.

CILENSEK, Marjan, ing., saradnik (Beograd, Karadordeva 48)

Geophysical prospecting for copper, tungsten, antimony, cobalt, and nickel ore deposits in Yugoslavia. Tehnika Jug 17 no.4:685-691 Ap '62.

1. Zavod za geološka i geofizicka istrazivanja, Beograd.

RUMANIA/Organic Chemistry. Synthetic Organic Chemistry.

G-2

Abs Jour: Ref Zhur-Khim., No 24, 1958, 81585.

Author : Cuibar F., Cilianu S., Teodorescu S.

Inst :

Title : The Synthesis of Phenolphthalein With the Application
of Chloro-Sulfonic Acid as the Condensing Agent.

Orig Pub: Rev. Chim., 1958, 9, No 3, 151-152.

Abstract: By the action of ClSO_3H (I) on $\text{C}_6\text{H}_5\text{OH}$ (II), the obtained product, $4-\text{HOCH}_2\text{C}_6\text{H}_3\text{SCl}_2\text{H}$, is a good condensing agent for the synthesis of phenol-phthalein (III); the addition of ZnCl_2 decreases the consumption of I and II. One hundred forty-eight grams of phthalic anhydride (IV) and 296 grams of II are heated at 110°C . until completely dissolved, for three hours at $110-115^\circ\text{C}$., 130 grams of I are added and mixed

Card: : 1/2

RUMANIA, Organic Chemistry. Synthetic Organic Chemistry.

G-2

Abs Jour: Ref Zhur-Khim., No 24, 1958, 81585.

for 20 hours at 115-117°C., diluted with 500 ml of boiling water, the precipitate is washed with boiling water, it dissolved in the theoretical amount of 5% NaOH, is precipitated with diluted HCl until acid to Congo, obtained 240 grams of III. A mixture of 148 grams of IV, 211 gms. of II and 34 grams of ZnCl₂ are heated at 110°C., 45 grams of I is added within 3 hours, it is mixed for 30 hours at 115-117°C., is treated as described above, and 72-75% of III is obtained, recrystallized from alcohol.

Card : 2/2

COUNTRY	: Russia	S-2
CATEGORY	:	
ABS. JOUR.	: RZKhim., No. 1959, No. 4741	
AUTHOR	: Chikun, P.; Sildanov, M.	
INST.		
TITLE	: Study of the synthesis of Vpiridine (Vpiridine Be).	
ORIG. PUP.	: Sov. Chem. (RPM), 1959, 10, No. 1, 74-77	
ABSTRACT	: An improvement of the method of preparation of Vpiridine Be starting from $\text{CH}_3\text{COCH}_2\text{COCH}_2\text{COCH}_3$ (1) and $\text{CH}_3\text{COCH}_2\text{Na}$ (Lorrain S. A., Fulkers R., J. Amer. Chem. Soc., 1936, 58, 1744). Mixture of 10 g $\text{CH}_3\text{COCH}_2\text{COCH}_2\text{COCH}_3$, 10 g $\text{CH}_3\text{COCH}_2\text{Na}$, and 10 ml concentrated H ₂ SO ₄ boiled 4 hours to get $\text{CH}_3\text{COCH}_2\text{COCH}_2\text{COCH}_3$, yield 95%, 10 g $\text{CH}_3\text{COCH}_2\text{COCH}_2\text{COCH}_3$, and 10 g $\text{CH}_3\text{COCH}_2\text{Na}$ at 100°C. 100 g 25% solution of CH_3CONa in CH_3COCH_3 , boiled 15 minutes to get $\text{CH}_3\text{COCH}_2\text{COCH}_2\text{COCH}_3$, yield 75%, 10 g $\text{CH}_3\text{COCH}_2\text{COCH}_2\text{COCH}_3$, and 10 g Na in toluene and boiled at 120°, 100 g $\text{CH}_3\text{COCH}_2\text{COCH}_2\text{COCH}_3$, and 10 g acetone, after 1 hour (temperature up to 95°) it is quenched with 100 ml 15% HCl, the resultant ester is treated with 10 g 6% $\text{CH}_3\text{COCH}_2\text{COCH}_3$, after 24 hours (about 100°)	
CAAO	: 1/2	

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COUNTRY :	Romania	G-3
CATEGORY :		
ABS. JOUR. :	RZKhim., no.	1959, no. 86751
AUTHOR :		
INST. :		
TITLE :		
ORIG. PUB. :		
ABSTRACT : poured in 25% H ₂ SO ₄ at 90°, yield of 3-cyano-4-methoxymethyl-6-methyl-pyridone-2 (II) 50%. To 112 g II and 330 ml (CH ₃ CO) ₂ O are added, at 70-75°, 15 ml fuming HNO ₃ , yield of 3-cyano-4-methoxymethyl-5-nitro-6-methyl-pyridone-2 (III) 55%. Mixture of 50 g III, 270 ml C ₆ H ₅ Cl, 32 ml POCl ₃ and 5 ml pyridine heated for 1 hour at 135-140° (bath), kept for 24 hours at about 20° to get a 60% yield of 2-chloro-3-cyano-4-methoxymethyl-5-nitro-6-methyl-pyridone-2. 30 g of the latter in 1 liter water and 15 ml concentrated HCl are hydrogenated over 4 g of 10% Pd/C, to the filtrate are added 50 ml concentrated HCl, and there are added at 80°, within 5 hours, 18 g NaNO ₂ in 150 ml of		
CARD: 2/3		

COUNTRY	:	Romania	G-3
CATEGORY	:		
ABS. JOUR.	:	RZKhim., No. 1959,	No. 86751
AUTHOR	:		
INST.	:		
TITLE	:		
ORIG. PUB.	:		
ABSTRACT : water. Evaporated in vacuum to dryness and alcohol is used to extract the hydrochloride of 3-hydroxy-methyl-4-methoxymethyl-5-hydroxy-6-methylpyridine (IV), yield 64%, MP 176°. Mixture of 10.5 g IV and 25 g of 5% HCl heated for 6 hours at 150°, evaporated to dryness, the yield of hydrochloride of 3,4-bis-hydroxymethyl-5-hydroxy-6-methylpyridine (vitamin B ₆) is 70%, MP 204-206°. S. Zav'yalov.			
CARD: 3 /3			

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COUNTRY	:	RUMANIA
CATEGORY	:	Organic Chemistry. Synthetic Organic Chemistry
ABS. JOUR.	:	RZKhim., No. 1 1960, No. 1144
AUTHOR	:	Cuiban, F.; Cilianu, S.
INST.	:	-
TITLE	:	Ethyynylcyclohexanol and Its Derivatives with Hypnotic Action
ORIG. PUB.	:	Rev. chim. (RPR), 1959, 10, No 2, 76-78
ABSTRACT	:	The preparation of 1-ethynylcyclohexanol (I), 1-bromoethynylcyclohexanol (II) and 1-ethynylcyclohexylcarboamate (III), is described. To the mixture of 1 kg of $(CH_2O)_x$, 2.6 kg of CH_3OH and 60 ml of conc. HCl, 1 kg of $CaCl_2$ is added gradually, boiled for 2 hours, and $(CH_3O)_2CH_2$ is distilled, with a yield of 92%. Into an autoclave containing 80 g of KOH powder or powdery mixture of 25 g of NaOH and 40 g of KOH and
CARD:	:	1/3

COUNTRY :
CATEGORY :

G

ABS. JOUR. : RZKhim., No. 1 1960, No. 3144

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : 500 ml of $(\text{CH}_3\text{O})_2\text{CH}_2$, after blowing through
cont'd with N_2 , acetylene (5-7 atm) is introduced,
mixed for 30 min and then during 3 hours 98 g
of cyclohexanone are added, decomposed with
water and, after treatment with NaHSO_3 , I is
obtained, with a yield of 75%. To the mixture
of 350 g of 12% NaOH and 32 g of NaBr, 144 g
of 13% NaOCl solution are added at 0° , then
after 30 min 25 g of I in 200 ml of petroleum

CARD: 2/3

G-7

CILIEVICI, Elena, prof. (Sibiu); KLEMM, Werner, prof. (Sibiu); SCHULLER, Richard, prof. (Sibiu)

Aspects of training and educating pupils in protecting the monuments of nature. Natura Biologie 17 no.1:67-69 Ja-F '65.